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## UTILITY **PATENT APPLICATION TRANSMITTAL**

Attorney Docket No. TI-32700 First Inventor Ho, et al. Shared Communications Channel Access In an Overlapping Coverage Environment Title

See MPEP chaoter 600 concerning utility patent application contents  1. X Fee Transmittal Form (e.g., PTO/SB/17) 2. Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification Specification Specification - Descriptive title of the invention - Background of the Invention - Brief Description of the Disciosure  - Abstract of the Disciosure  4. X Drawing(s) (35 U.S.C. 113) [Total Sheets   1   1   2   2   3    5. Oath or Declaration - Total Sheets   2   3   1   2   3    8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  8. Nucleotide and/or Amino Acid Sequence Listing	ication 20231			Express I	ler 37 CFR 1.53(b))	ovisional applications un	(Only for new nonprovision
ADDRESS TO: Box Patent Application   Computer   Compu	ication ————————————————————————————————————					· · · · · · · · · · · · · · · · · · ·	H
1. X   Fee Transmittal Form (e.g., PTO/SB/17) 2. Applicant claims small entity status. See 37 CFR 1.27. 3. X   Specification   Total Pages   46   1   Descriptive title of the invention Background of the Invention Brief Summary of the Invention Brief Summary of the Invention - Brief Description of the Drawings (if filed) Detailed Description - Claim(s) - Abstract of the Disclosure  4. X   Drawing(s) (35 U.S.C. 113)   Total Sheets   6   1   Detailed Organization   Total Sheets   2   1   Detailed Organization   Total Sheets   3   3   Detai	ate large table or	O: Box Patent Apr	DDRESS 1	s A			
Application Additions small entity status.  Application (if applicable, all necessary)  a. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. paper  CD-ROM or CD-R (2 copies); or  iii. p	idix)	ROM or CD-R in dupli	7. CD-F		D/SB/17) ocessing)	smittal Form (e.g., PT original and a duplicate for fee pr	1. X Fee Transmittal (Submit an original and
3. X Specification [Total Pages 46] a. Computer Readable Form (CRF)  - Descriptive title of the invention - Background of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 6] 5. Oath or Declaration [Total Sheets 2] - Copy from a prior application (37 CFR 1.63 (d)) - Copy from a prior application (37 CFR 1.63 (d)) - Copy from a prior application (37 CFR 1.63 (d)) - Copy from a prior application, see 37 CFR - 1.63(d)(2) and 1.33(b).  8. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.		d/or Amino Acid Seg	Nucleotide an	8	us.	claims small entity sta FR 1.27.	2. Applicant claims See 37 CFR 1.27
- Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure  - Abstract of the Disclosure  - Abstract of the Disclosure  - Companying Application - Claim(s) - Abstract of the Disclosure  - Abstract of the Disclosure -	orm (CRF)	• ,		]	[Total Pages 46		
Brief Summary of the Invention Brief Secription of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure  ### Accompanying Application Drawing(s) (35 U.S.C. 113)    Total Sheets   Total She		<del>_</del> ,	b. Specific			ve title of the invention	- Descriptive title
- Detailed Description - Claim(s) - Abstract of the Disclosure  -	(2 copies); or		i. [ ii. [		s (if filed)	nmary of the Invention cription of the Drawing	- Brief Summary - Brief Description
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 6 ] 11. English Translation Document (if applicable) 5. Oath or Declaration [Total Sheets 2] 12. Information Disclosure Statement (IDS)/PTO-1449 Citations 6. Application Data Sheet. See 37 CFR 1.76  Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  Assignment Papers (cover sheet & document(s) 47 CFR 1.63 (d) 10. Information Disclosure Statement (IDS)/PTO-1449 Citations Copies of It Statement (IDS)/PTO-1449 Citations Citat	entity of above copies		c s		,	Description	- Detailed Descrip - Claim(s)
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 6 ] 11. English Translation Document (if applicable) 5. Oath or Declaration [Total Sheets 2 ] 12. Information Disclosure Statement (IDS)/PTO-1449 Citations a. X Newly executed (original or copy) 13. Preliminary Amendment b. Copy from a prior application (37 CFR 1.63 (d)) (Should be specifically itemized) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.	ATION PARTS	PANYING APPLIC	<b>ACCOM</b>			of the Disclosure	- Abstract of the L
4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 6 ] 11. English Translation Document (if applicable) 5. Oath or Declaration [Total Sheets 2 ] 12. Information Disclosure Statement (IDS)/PTO-1449 Citations a. X Newly executed (original or copy) 13. Preliminary Amendment b. Copy from a prior application (37 CFR 1.63 (d)) (Should be specifically itemized) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.	sheet & document(s))	Inment Papers (cove	X Assig	ور ا			
5. Oath or Declaration  [Total Sheets 2] 12. Information Disclosure Statement (IDS)/PTO-1449 Citations  a. X Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76  18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.	Power of	R 3.73(b) Statement	37 CF	_ 1			
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Prior application information		Init	Group Art U		The author district	DIVISIONAL APPS only	For CONTINUATION or DIVISION
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied unincorporation can only be relied upon when a portion has been inadvortantly continuation or divisional application and is hereby incorporated by reference.	ration is supplied under rated by reference. The	which an oath or decler and is hereby incorporate	pplication, from isional application	of the prior a inuation or di	the accompanying conti	part of the disclosure of	Box 5b, is considered a part of incorporation can only be rolled
incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS		tted application parts.	i irom the subm	tently offitte	recon nas been maaven	se relied upon when a p	
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Texas Instruments Incorporated		or Correspo			(Insert Customer No. o		X Customer Number or Name
Address P. O. Box 655474 M/S 3999		or Correspo		ır Attach bar cor	Ansert Customer No. o	J. Dennis M	
City Dallas State Texas Zip Code 75265		or Correspo		ır Attach bar cor	Ansert Customer No. or pore ments Incorporated	J. Dennis M Texas Instru	Name Address
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Name (Print/type) Ira S. Matsil Registration No. (Attorney/Agent) 35272	dence address below 75265	Zip Code	e label here).	d State	Ansert Customer No. or pore ments Incorporated	J. Dennis M  Texas Instru P. O. Box 68  Dallas	Name Address
Signature No. (Allomey/Agent) 35272	75265 972-917-4418	Zip Code 440 Fax	Texas	d State	Ansert Customer No. or pore ments Incorporated	J. Dennis M Texas Instru P. O. Box 69 Dallas US	Name Address Citv Country

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## FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

(\$) 1,208.00

TOTAL AMOUNT OF PAYMENT

Complete if Known					
Application Number	TBD				
Filing Date	TBD				
First Named Inventor	Ho, et al.				
Examiner Name	TBD				
Group Art Unit	TBD				
Attorney Docket No.	TI-32700				

METHOD OF PAYMENT	FEE CALCULATION (continued)					
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:  Deposit	3. Fee	ADDIT Large Entity Fee	IONAI Fee	Small Entity	S	
Account Number 20-0668	Code	(\$)	Code	Fee (\$)	Fee Description	Fee Paid
Deposit Account Texas Instruments Incorporated	105	130	205	65	Surcharge – late filing fee or oath	
Name  Charge Any Additional Fee Required Under 37 CFR 1.16 and 1 17	127	50	227	25	Surcharge – late provisional filing fee or cover sheet	
Applicant claims small entity status See 37 CFR 1 27	139	130	139	130	Non-English specification	
2. Payment Enclosed:	147	2.520	147	2,520	For filing a request for ex parte reexamination	
Check Credit Card Money Order Other	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
FEE CALCULATION	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
1. BASIC FILING FEE	115	110	215	55	Extension for reply within first month	
Large Entity Small Entity	116	390	216	195	Extension for reply within second month	
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	117	890	217	445	Extension for reply within third month	
101 710 201 355 Utility filing fee 710.00	118	1,390	218	695	Extension for reply within fourth month	
106 320 206 160 Design filing fee	128	1,890	228	945	Extension for reply within fifth month	
107 490 207 245 Plant filing fee	119	310	219	155	Notice of Appeal	
108 710 208 355 Reissue filing fee	120	310	220	155	Filing a brief in support of an appeal	
114 150 214 75 Provisional filing fee	121	270	221	135	Request for oral hearing	
	138	1,510	138	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 710.00	140	110	240	55	Petition to revive – unavoidable	
2. EXTRA CLAIM FEES	141	1,240	241	620	Petition to revive – unintentional	
Fee from Extra Claims Below Fee Paid	142	1,240	242	620	Utility issue fee (or reissue)	1
Total Claims 41 -20**= 21 x 18 = 378.00	143	440	243	220	Design issue fee	
Independent $4 - 3^{**} = 1 \times 80 = 80.00$	144	600	244	300	Plant issue fee	
Multiple Dependent =	122	130	122	130	Petitions to the Commissioner	
	123	50	123	50	Processing fee under 37 CFR 1 17(q)	
Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	126	180	126	180	Submission of Information Disclosure Stmt	
103 18 203 9 Claims in excess of 20	581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
102 80 202 40 Independent claims in excess of 3	146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
104 270 204 135 Multiple dependent claim, if not paid	149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
109 80 209 40 **Reissue independent claims over original patent	179	710	279	355	Request for Continued Examination (RCE)	
110 18 210 9 **Reissue claims in excess of 20 and over original patent	169	900	169	900	Request for expedited examination of a design application	
SUBTOTAL (2) (\$)458.00	Other t	ee (spec	ify)			
** or number previously paid, if greater, For Reissues, see above	*Reduce	ed by Bas	c Filing F	ee Paid	SUBTOTAL (3) (\$)40.00	-

SUBMITTED BY						Complete (if a)	oplicable)
Name (Print/Type)	Ira S. Matsil			Registration No (Attorney/Agent)	35,272	Telephone	972 732 1001
Signature		In SMH	T.			Date	9/28/01

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Но

Art Unit:

**TBD** 

Serial No.:

**TBD** 

Examiner:

**TBD** 

Filed:

Herewith

Docket:

TI-32700

For:

Shared Communications Channel Access In an Overlapping Coverage Environment

## **Certificate of Mailing via Express Mail**

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Date of Deposit:

September 28, 2001

I hereby certify that the following documents, which are enclosed, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: BOX: Patent Application, Assistant Commissioner for Patents, Washington, DC 20231:

- Utility Patent Application Transmittal (1 page)
- Complete Copy of Patent Application (52 pages), to include:
  - Specification (46 pages)
  - Informal Drawings (6 pages)
- Declaration and Power of Attorney (2 pages)
- Assignment Recordation Cover Sheet (1 page)
- Copy of Original Signed Assignments (2 pages)
- Fee Transmittal (1 original and 1 copy)
- Two (2) Return Postcards

espectfully submitted

Nancy J. Todd